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(71) Applicant and

(72) Inventor: HONG, Jae ho [KR/KR]; 21-203 jogong APT,
32 goean-dong, sosa-gu bucheon-si, Gyeonggi-do 422-705
(KR).

(74) Agent: CHO, Sang Kyun; 402 Daimyung Building
746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925
(KR).

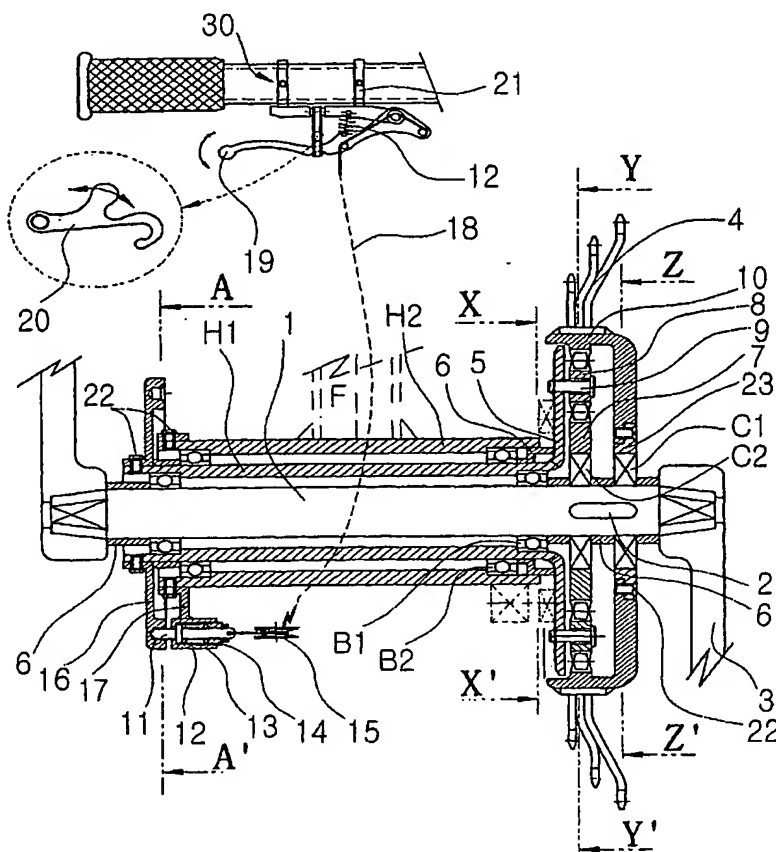
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(54) Title: BICYCLE DRIVE UNIT CAPABLE OF BACKWARD MOVEMENT AND NAUGHTROTATION AND FORWARD MOVEMENT TRAVELING WHEN RECTITUDE OR REVERSE PEDALING



(57) Abstract: The present invention relates to a bicycle drive unit that moves forward and backward and idles upon clockwise and counterclockwise pedaling, comprising: a drive shaft having one end located in an inner bearings of an internal bearing housing integrally formed with a rotary plate and the other end fixed to a clockwise one-way clutch and the inner wheel of a counterclockwise one-way clutch by means of a sunk key; a counterclockwise one-way clutch having a central gear press-fitted on its outer wheel; a ring gear engaged with the turnabout gear; a gear flange connected to a ring gear by means of a locking screw; a bearing housing of a dual structure consisting of an outer bearing housing having outer bearings; a brace attached to the outer circumference of the outer bearing housing by means of the locking screw; a detent pin unit for curving the internal bearing housing and the rotary plate; and a bicycle backward movement control unit having a hand lever and a detent latch.



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